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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

|                        |                         |
|------------------------|-------------------------|
| Application Number     | 10/073,818              |
| Filing Date            | 02/11/2002              |
| First Named Inventor   | Karandikar, Prashant G. |
| Art Unit               | 3624                    |
| Examiner Name          | Weisberger, Richard C.  |
| Attorney Docket Number | M-102-A                 |

**ENCLOSURES (Check all that apply)**

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>(1) Certificate of Mailing<br>(2) Return Receipt Postcard |
|---|--|--|

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|              |                                |          |        |
|--------------|--------------------------------|----------|--------|
| Firm Name    | c/o M Cubed Technologies, Inc. |          |        |
| Signature    |                                |          |        |
| Printed name | Jeffrey R. Ramberg             |          |        |
| Date         | 06/17/2005                     | Reg. No. | 34,700 |

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

|                       |                    |      |            |
|-----------------------|--------------------|------|------------|
| Signature             |                    |      |            |
| Typed or printed name | Jeffrey R. Ramberg | Date | 06/17/2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/073,818  
Filing Date: February 11, 2002  
First Named Inventor: Karandikar, Prashant G.  
Title: Low Expansion Metal-Ceramic Composite Bodies,  
and Methods for Making Same

Group Art Unit: ~~2164~~ 3624 JR  
Attorney Docket No. M-102-A

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Certificate of Mailing Under 37 CFR 1.8

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Amendment in Reply to Fifth Office Action

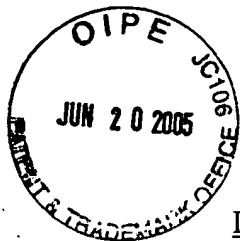
Transmittal

Return Receipt Postcard

6/17/2005  
Date

Jeffrey R. Ramberg  
Signature

Jeffrey R. Ramberg  
Typed or printed name of person signing Certificate



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Karandikar et al.  
Serial No.: 10/073,818  
Filed: February 11, 2002

Group Art Unit: ~~2164~~ 3624 9R  
Examiner: Weisberger, Rich  
Atty. Docket No. M-102-A

For: Low Expansion Metal-Ceramic Composite Bodies, and Method for Making Same

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**AMENDMENT IN REPLY TO FIFTH OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In regard to the Office Action dated May 20, 2005, please amend the above-identified patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper. Specific changes to the text are indicated by underscoring text to be added, and by ~~striking through~~ or [[double bracketing]] text to be deleted.

The **Remarks** begin on page 9 of this paper.

Applicants believe that no fee is due in connection with this response. If this is incorrect, the Finance Division is authorized to debit the undersigned's Deposit Account No. 50-1020 for the deficiency.